

FIG. 1

AND IMAGE FORMING APPARATUS
Inventor(s): Naoya MURAKAMI
DOCKET NO.: 065905-0313

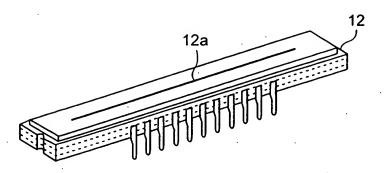


FIG. 2

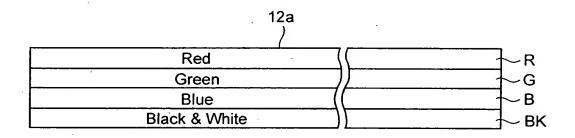


FIG. 3

AND IMAGE FORMING APPARATUS
Inventor(s): Naoya MURAKAMI
DOCKET NO.: 065905-0313

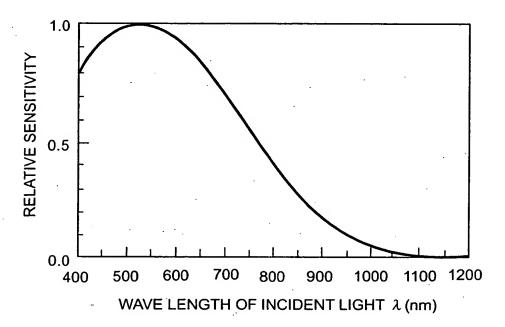
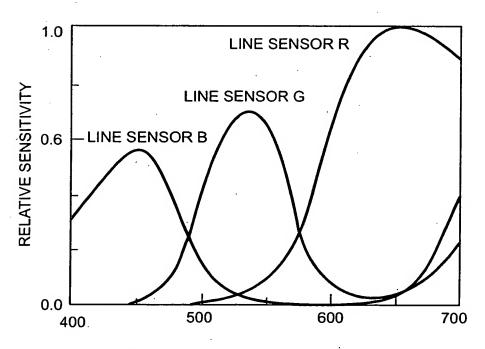
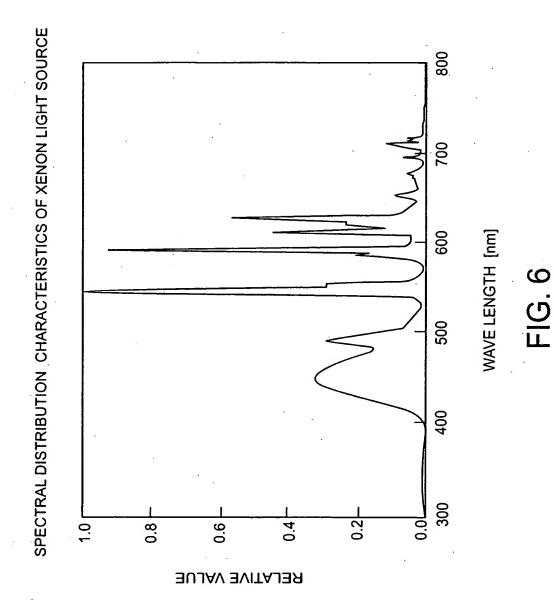


FIG. 4



WAVE LENGTH OF INCIDENT LIGHT λ (nm)

FIG. 5



12

TRANSFER CLK1, 2 OS-KO ANALOG SHIFT REGISTER (BK_ODD) SH SIGNAL SHIFT GATE (BK_ODD) BK-~-LINE SENSOR BK SHIFT GATE (BK_EVEN) **OS-KE** ANALOG SHIFT REGISTER (BK_EVEN) LINE SENSOR B SHIFT GATE (B) OS-B ANALOG SHIFT REGISTER (B) LINE SENSOR G SHIFT GATE (G) OS-G ANALOG SHIFT REGISTER (G) LINE SENSOR R R-7-1

FIG. 7

SHIFT GATE (R)

ANALOG SHIFT REGISTER (R)

OS-R

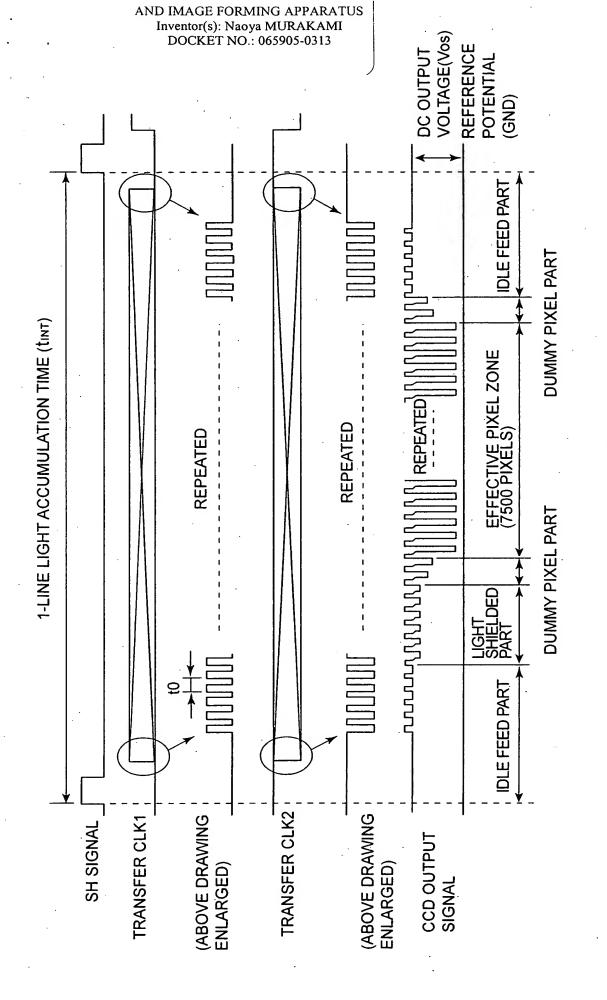
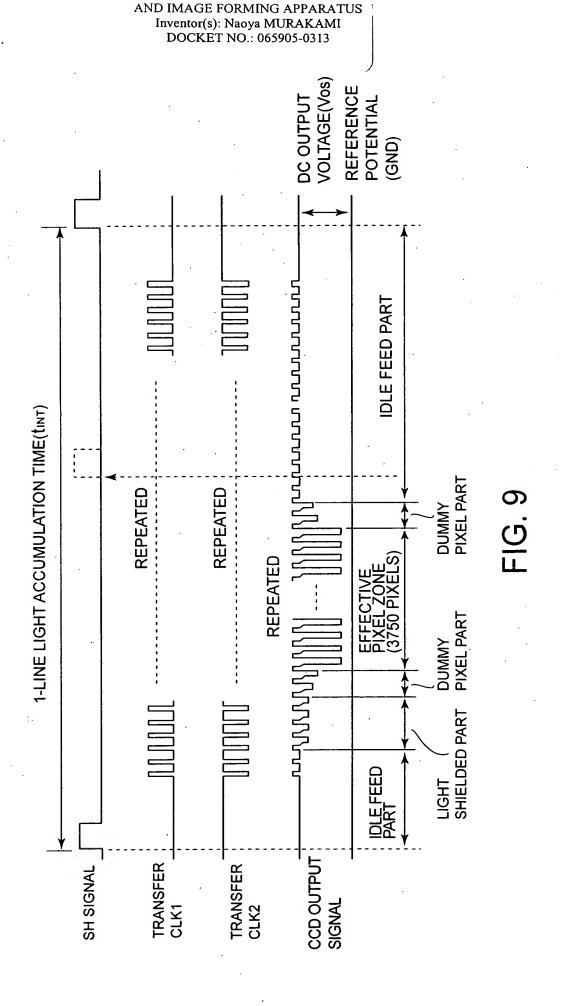


FIG. 8



EFFECTIVE PIXEL ZONE IN CORRESPONDENCE TO 7500 (3750X2)

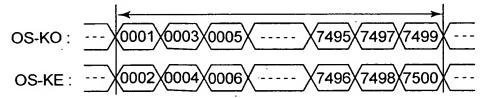


FIG. 10

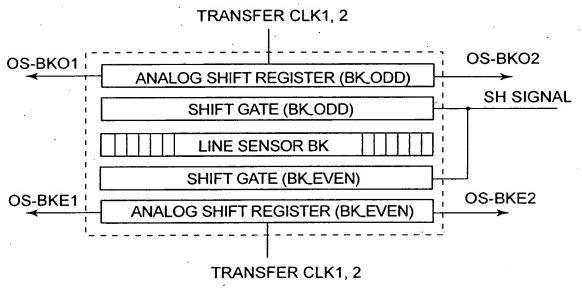


FIG. 11

EFFECTIVE PIXEL ZONE IN CORRESPONDENCE TO 7500 (1875×4)

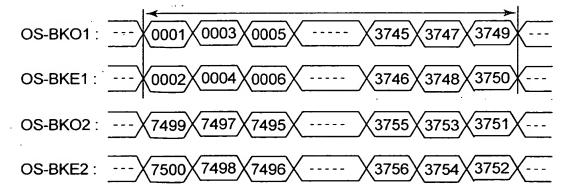
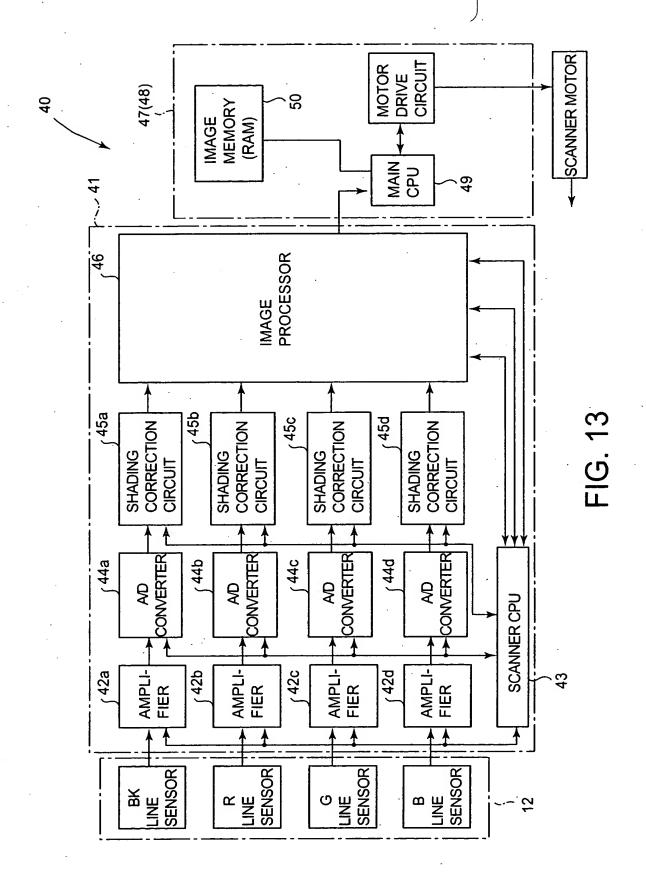


FIG. 12



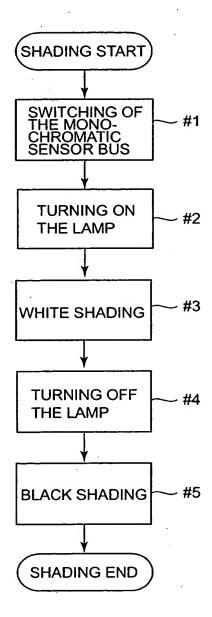


FIG. 14

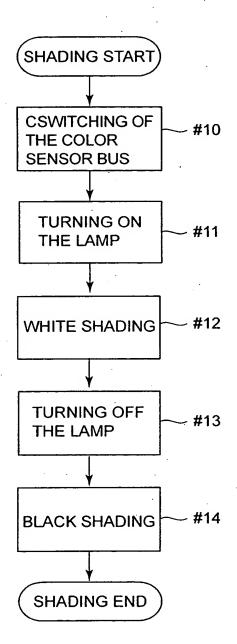


FIG. 15

AND IMAGE FORMING APPARATUS Inventor(s): Naoya MURAKAMI DOCKET NO.: 065905-0313

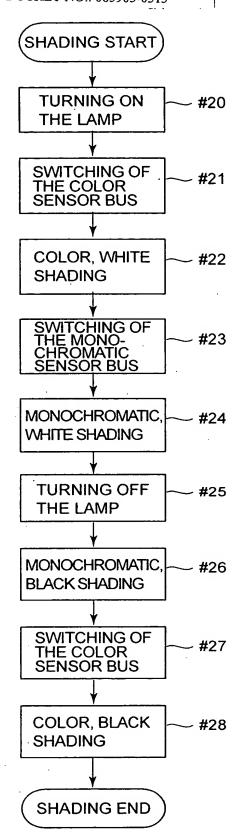


FIG. 16

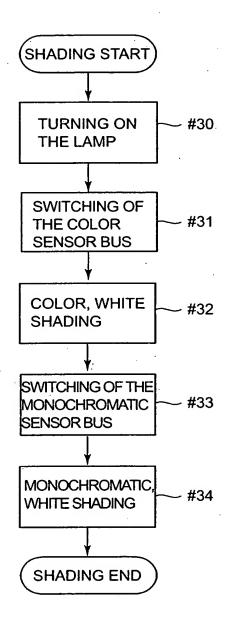


FIG. 17

